WHAT IS CLAIMED IS:

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1. A security policy method comprising the steps of: associating wildcarded resource identifiers with a corresponding security policy; and

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matching a resource identifier received in an access request to one of a list of said wildcarded resource identifiers, wherein said matching is determined in accordance with a predetermined set of precedence values, each precedence value of said set corresponding to a predetermined wildcard element.

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2. The method of claim 1 wherein each predetermined wildcard element comprises a regular expression element.

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3. The method of claim 1 further comprising the step of selecting, in response to a security policy associated with a wildcarded identifier from said matching step, one of a grant of access to a requested resource corresponding to said resource identifier and a denial of access to said requested resource.

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4. The method of claim 1 wherein said list of said wildcarded resource identifiers comprises an ordered list of wilddcarded resource identifiers, said ordered list being ordered in accordance with said predetermined set of precedence values.

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The method of claim 4 wherein said step of matching said resource identifier

2	received in said access request comprises the steps of:
3	sequentially comparing said resource identifier received in said access request
4	with each wildcarded resource identifier in said ordered list;
5	in response to a comparison, terminating said comparing step, returning a policy
6	associated with a wildcarded identifier from said comparing step.
1	6. The method of claim 4 further comprising the step of ordering a list of wildcarded
2	resource identifiers to generate said list of ordered wildcarded resource identifiers.
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4	7. The method of claim 6 wherein said step of ordering a list of wildcarded resource
5	identifiers includes the steps of:
6	selecting a pair of wildcarded identifiers from a list in accordance with a
7	predetermined sorting process;
8	sequentially selecting elements in each identifier of said pair of wildcarded
9	identifiers;
10	comparing a first precedence value corresponding to a first one of a selected
11	element of said pair of wildcarded identifiers and a second precedence value
12	corresponding to a second one of a selected element of said pair of wildcarded identifiers,
13	wherein said first precedence value and said second precedence value each comprise a

predetermined value from said set of precedence values; and

value and said second precedence.

if said first precedence value and said second precedence value corresponding are

not equal, ordering said pair of wildcarded identifiers according to said first precedence

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- 8. The method of claim 7 further comprising the step of returning said pair of wildcarded identifiers from said ordering step to said preselected sorting process.
 - 9. The method of claim 1 wherein said set of precedence values comprises: a first precedence value having a highest precedence corresponding to an exact character, a second precedence value having a next lower precedence from said first precedence value, corresponding to a character range;
 - a third precedence value, having a next lower precedence from said second precedence value, corresponding to any character;
 - a fourth precedence value, having a next lower precedence from said third precedence value, corresponding to a repeating exact character;
 - a fifth precedence value, having a next lower precedence from said fourth precedence value, corresponding to a repeating character range; and
 - a sixth precedence value, having a next lower precedence from said fifth precedence value, corresponding to any character string, and wherein said sixth precedence value comprises a lowest precedence value.

10. A security policy system comprising:

circuitry operable for associating wildcarded resource identifiers with a corresponding security policy; and

circuitry operable for associating wildcarded resource identifiers with a corresponding security policy matching a resource identifier received in an access request to one of a list of said wildcarded resource identifiers, wherein said matching is determined in accordance with a predetermined set of precedence values, each precedence value of said set corresponding to a predetermined wildcard element.

- 11. The system of claim 10 wherein each predetermined wildcard element comprises a regular expression element.
- 12. The system of claim 10 further comprising circuitry operable for selecting, in response to a security policy associated with a wildcarded identifier from said matching step, one of a grant of access to a requested resource corresponding to said resource identifier and a denial of access to said requested resource.
- 13. The system of claim 10 wherein said list of said wildcarded resource identifiers comprises an ordered list of wildedcarded resource identifiers, said ordered list being ordered in accordance with said predetermined set of precedence values.
- 14. The system of claim 13 wherein said circuitry operable for matching said resource identifier received in said access request comprises:

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circuitry operable for sequentially comparing said resource identifier received in said access request with each wildcarded resource identifier in said ordered list;

circuitry operable for, in response to a comparison, terminating said comparing step, returning a policy associated with a wildcarded identifier from said comparing step.

- 15. The system of claim 13 further comprising circuitry operable for ordering a list of wildcarded resource identifiers to generate said list of ordered wildcarded resource identifiers.
- 16. The system of claim 15 wherein said step of ordering a list of wildcarded resource identifiers includes:

circuitry operable for selecting a pair of wildcarded identifiers from a list in accordance with a predetermined sorting process;

circuitry operable for sequentially selecting elements in each identifier of said pair of wildcarded identifiers;

circuitry operable for comparing a first precedence value corresponding to a first one of a selected element of said pair of wildcarded identifiers and a second precedence value corresponding to a second one of a selected element of said pair of wildcarded identifiers, wherein said first precedence value and said second precedence value each comprise a predetermined value from said set of precedence values; and

circuitry operable for, if said first precedence value and said second precedence value corresponding are not equal, ordering said pair of wildcarded identifiers according to said first precedence value and said second precedence value.

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or returning
cted sorting

- 18. The system of claim 10 wherein said set of precedence values comprises:
- a first precedence value having a highest precedence corresponding to an exact character, a second precedence value have a next lower precedence from said first precedence value, corresponding to a character range;
- a third precedence value, having a next lower precedence from said second precedence value, corresponding to any character;
- a fourth precedence value, having a next lower precedence from said third precedence value, corresponding to a repeating exact character;
- a fifth precedence value, having a next lower precedence from said fourth precedence value, corresponding to a repeating character range; and
- a sixth precedence value, having a next lower precedence from said fifth precedence value, corresponding to any character string, and wherein said sixth precedence value comprises a lowest precedence value.

19.	A	computer	program	product in	a machin	e readab	le medium	of expression
includ	ing	programn	ning for	wildcarding	security	policies	comprising	programming
instruc	ctio	ns for perfe	orming tl	ne steps of:				

associating wildcarded resource identifiers with a corresponding security policy; and

matching a resource identifier received in an access request to one of a list of said wildcarded resource identifiers, wherein said matching is determined in accordance with a predetermined set of precedence values, each precedence value of said set corresponding to a predetermined wildcard element.

- 20. The program product of claim 19 wherein each predetermined wildcard element comprises a regular expression element.
- 21. The method of claim 19 further comprising programming instructions for performing the step of selecting, in response to a security policy associated with a wildcarded identifier from said matching step, one of a grant of access to a requested resource corresponding to said resource identifier and a denial of access to said requested resource.
- 22. The program product of claim 19 wherein said list of said wildcarded resource identifiers comprises an ordered list of wildedcarded resource identifiers, said ordered list being ordered in accordance with said predetermined set of precedence values.
- 23. The program product of claim 22 wherein said program of instructions for

performing the step of matching said resource identifier received in said access request
comprises a program of instructions for performing the steps of:

sequentially comparing said resource identifier received in said access request with each wildcarded resource identifier in said ordered list;

in response to a comparison, terminating said comparing step, returning a policy associated with a wildcarded identifier from said comparing step.

- 24. The program product of claim 22 further comprising programming instructions for performing the step of ordering a list of wildcarded resource identifiers to generate said list of ordered wildcarded resource identifiers.
- 25. The program product of claim 24 wherein said programming instructions for performing the step of ordering a list of wildcarded resource identifiers includes programming instructions for performing the steps of:

selecting a pair of wildcarded identifiers from a list in accordance with a predetermined sorting process;

sequentially selecting elements in each identifier of said pair of wildcarded identifiers;

comparing a first precedence value corresponding to a first one of a selected element of said pair of wildcarded identifiers and a second precedence value corresponding to a second one of a selected element of said pair of wildcarded identifiers, wherein said first precedence value and said second precedence value each comprise a predetermined value from said set of precedence values; and

if said first precedence value and said second precedence value corresponding are

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14	not equal, ordering said pair of wildcarded identifiers according to said first precedence
15	value and said second precedence.

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- 26. The program product of claim 25 further comprising programming instructions for performing the step of returning said pair of wildcarded identifiers from said ordering step to said preselected sorting process.
- 27. The program product of claim 19 wherein said set of precedence values comprises: a first precedence value having a highest precedence corresponding to an exact character, a second precedence value have a next lower precedence from said first precedence value, corresponding to a character range;

a third precedence value, having a next lower precedence from said second precedence value, corresponding to any character;

a fourth precedence value, having a next lower precedence from said third precedence value, corresponding to a repeating exact character;

a fifth precedence value, having a next lower precedence from said fourth precedence value, corresponding to a repeating character range; and

a sixth precedence value, having a next lower precedence from said fifth precedence value, corresponding to any character string, and wherein said sixth precedence value comprises a lowest precedence value.

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28.	A security policy method comprising the steps of:
	associating wildcarded resource identifiers with a corresponding security policy
and	

matching a resource identifier received in an access request to one of a list of said wildcarded resource identifiers, wherein said matching is determined in accordance with a predetermined set of precedence values, each precedence value of said set corresponding to a predetermined wildcard element, wherein each predetermined wildcard element comprises a regular expression element;

selecting, in response to a security policy associated with a wildcarded identifier from said matching step, one of a grant of access to a requested resource corresponding to said resource identifier and a denial of access to said requested resource, and wherein said list of said wildcarded resource identifiers comprises an ordered list of wildedcarded resource identifiers, said ordered list being ordered in accordance with said predetermined set of precedence values.